

Abstract

A fuel injection valve with a valve body (1) that contains a bore (3), which is delimited at its end oriented toward the combustion chamber by a valve seat (9) and whose end region oriented toward the combustion chamber has at least one injection opening (11).

5 A piston-shaped valve needle (5) is contained in the bore (3) in a longitudinally sliding fashion and has an essentially conical valve sealing surface (7) by means of which the valve needle (5) cooperates with the valve seat (9) in order to control the at least one injection opening. The valve seat (9) has a first conical partial surface (109) and a second conical partial surface (209), wherein the second conical partial surface (209) is disposed
10 downstream of the first conical partial surface (109) and is raised in relation to it (Fig 2).